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01363605 **Image available**
MANUFACTURE OF COLOR FILTER

PUB. NO.: 59-075205 A]
PUBLISHED: April 27, 1984 (19840427)
INVENTOR(s): OGATA TOSHIAKI
APPLICANT(s): SEIKO EPSON CORP [000236] (A Japanese Company or Corporation)
, JP (Japan)
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(PRECISION INSTRUMENTS -- Business Machines); 45.3
(INFORMATION PROCESSING -- Input Output Units)
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Jet Printers)
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ABSTRACT

PURPOSE: To obtain a manufacturing method of an inexpensive color filter by
employing an ink jetting method when trichromatic pigments are arranged on
a substrate.

CONSTITUTION: When pigments 5-7 of materials with good wettability to the
substrate 1 of glass, etc., are used, a diffusion preventing pattern 2 is
formed of a material with inferior wettability to the pigments 5-7 in order
to prevent the pigments 5-7 from spreading out of their objective areas,
and the pigments 5-7 are applied to the substrate 1 by the ink jetting
method. The ink jetting method is employed frequently for printers and
facilitates color printing. Therefore, this device is very suitable for the
trichromatic pattern arrangement of a additive color mixing type color
filter and the cost is made much less than that of a conventional method
which performs a photoprocess three times.

File 345:Inpadoc/Fam.& Legal Stat 1968-2002/UD=200252
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MANUFACTURE OF COLOR FILTER (English)

Patent Assignee: SUWA SEIKOSHA KK

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